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| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i> | Attorney Docket No.    | MIC-00003                  |
|   | First Inventor         | Farhood Moraveji           |
|   | Title                  | "DIFFERENTIAL CHARGE PUMP" |
|   | Express Mail Label No. | EV 338 032 686 US          |

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| <b>APPLICATION ELEMENTS</b><br><i>See MPEP chapter 600 concerning utility patent application contents.</i> | <b>Commissioner for Patents</b><br><b>Mail Stop Patent Application</b><br><b>P.O. Box 1450</b><br><b>Alexandria, VA 22313-1450</b> |
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| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br><i>(Submit an original, and a duplicate for fee processing)</i><br>2. <input type="checkbox"/> Applicant Claims small entity status.<br>See 37 C.F.R. § 1.27.<br>3. <input checked="" type="checkbox"/> Specification <i>[Total Pages 27]</i><br>(preferred arrangement set forth below) <ul style="list-style-type: none"> <li>• Descriptive title of the Invention</li> <li>• Cross References to Related Applications</li> <li>• Statement Regarding Fed-Sponsored R&amp;D</li> <li>• Reference to sequence listing, a table, or a computer program listing appendix</li> <li>• Background of the Invention</li> <li>• Brief Summary of the Invention</li> <li>• Brief Description of the Drawings <i>(if filed)</i></li> <li>• Detailed Description</li> <li>• Claim(s)</li> <li>• Abstract of the Disclosure</li> </ul> 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. § 113) <i>[Total Sheets 4]</i><br><input type="checkbox"/> Informal <input checked="" type="checkbox"/> Formal<br>5. <input checked="" type="checkbox"/> Oath or Declaration <i>[Total Pages 2]</i> <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br/> <i>(for continuation/divisional with Box 18 completed)</i> <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li> </ul> </li> </ul> 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 C.F.R. § 1.76 | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i><br>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on: <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> Paper</li> </ul> </li> <li>c. <input type="checkbox"/> Statement verifying identity of above copies</li> </ul> |
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| <b>ACCOMPANYING APPLICATION PARTS</b><br>9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))<br>10. <input type="checkbox"/> 37 CFR §3.73(b) Statement <input type="checkbox"/> Power of Attorney<br><i>(when there is an assignee)</i><br>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i><br>12. <input type="checkbox"/> Information Disclosure Statement (IDS) PTO-1449 <input type="checkbox"/> Copies of IDS Citations<br>13. <input type="checkbox"/> Preliminary Amendment<br>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><i>(Should be specifically itemized)</i><br>15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br><i>(if foreign priority is claimed)</i><br>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i).<br>Applicant must attach form PTO-SB-35 or its equivalent.<br>17. <input type="checkbox"/> Other: |
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| <b>18. If a CONTINUING APPLICATION</b> , check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 C.F.R. § 1.76:<br><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No. ____/<br>Prior application information: Examiner _____ Art Unit: _____ |
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For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

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| <b>19. CORRESPONDENCE ADDRESS</b>                                     |       |                   |     |  |  |
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|                   |                         |                                   |                  |
|-------------------|-------------------------|-----------------------------------|------------------|
| Name (Print/Type) | James E. Parsons        | Registration No. (Attorney/Agent) | 34,691           |
| Signature         | <i>James E. Parsons</i> | Date                              | October 16, 2003 |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| <h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">for FY 2003</h3> <p style="margin: 0; font-size: small;">Effective 01/01/2003. Patent fees are subject to annual revision.</p> |  | <p style="margin: 0; font-weight: bold; font-size: small;">Complete if Known</p> |  |                  |
| <input type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. § 1.27   |  | Application Number   |  | Filed Herewith   |
|   |  | Filing Date  |  | October 16, 2003 |
|   |  | First Named Inventor   |  | Farhood Moraveji |
|   |  | Examiner Name  |  | unknown          |
|   |  | Art Unit   |  | unknown          |
| <b>TOTAL AMOUNT OF PAYMENT</b> (\$ ) 954.00   |  | Attorney Docket Number   |  | MIC-00003        |

| METHOD OF PAYMENT (check one)  | FEE CALCULATION (continued)   |                 |                 |  |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
|--|---|-----------------|-----------------|--|-----------------|-----------------|----------|------|------|------|--------------------|-------------------------------------|------|------|------|------|-------------------|--|------|------|------|------|------------------|---------------------------|------|------|-------|------|--------------------|--|------|------|------|------|------------------------|--|---------------------|------|--------|------|--------|---|--|------|--------------|----------------|----------|--|----|-----------|-----------|--------|--------------------|---|------------|-----------|-----|--------------------|-----|--|----------|------|----------------|-----------------|----------------|---|-----------------|------|-------|------|-------|--|------|------|------|------|-----------------------------------|------------------|-----|------|-----|---------------------------------------|------|--|------|------|---|------|-----|--------------------------|---|---|---------------------|------|-------|---|--|---|-----|------|----|----------------------------------|--|------|-------|------|-----|------------------------------------|--|------|-------|------|-----|--------------------------------|--|------|-----|------|-----|------------------|--|------|-----|------|-----|-----------------|--|------|-----|------|-----|-------------------------------|--|------|----|------|----|---|--|------|-----|------|-----|---|--|------|----|------|----|--|-------|------|-----|------|-----|---|--|------|-----|------|-----|--|--|------|-----|------|-----|---|--|------|-----|------|-----|---|--|
| <p>1. <input checked="" type="checkbox"/> The Director is authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Acct. No. <span style="border: 1px solid black; padding: 2px;">50-0574 (Docket No. MIC-00003)</span></p> <p>Deposit Acct Name <span style="border: 1px solid black; padding: 2px;">Bever, Hoffman &amp; Harms, LLP</span></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR § 1.16 &amp; 1.17</p> <p>2. <input type="checkbox"/> Payment Enclosed:</p> <p style="margin-left: 20px;"> <input type="checkbox"/> Check    <input type="checkbox"/> Credit Card    <input type="checkbox"/> Money Order    <input type="checkbox"/> Other             </p>   | <p>3. <b>ADDITIONAL FEES</b></p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40.00</td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> </tbody> </table> <p>Other fee (Specify) _____</p> <p>* Reduced by Basic Filing Fee Paid</p> | Large Fee Code  | Entity Fee (\$) | Small Fee Code   | Entity Fee (\$) | Fee Description | Fee Paid | 1051 | 130  | 2051 | 65                 | Surcharge - late filing fee or oath |      | 1052 | 50   | 2052 | 25                | Surcharge - late provisional filing fee or cover sheet |      | 1053 | 130  | 1053 | 130              | Non-English specification |      | 1812 | 2,520 | 1812 | 2,520              | For filing a request for <i>ex parte</i> reexamination |      | 1804 | 920* | 1804 | 920*                   | Requesting publication of SIR prior to Examiner action |                     | 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action |  | 1251 | 110          | 2251           | 55       | Extension for reply within first month |    | 1252      | 420       | 2252   | 210                | Extension for reply within second month |            | 1253      | 950 | 2253               | 475 | Extension for reply within third month |          | 1254 | 1480           | 2254            | 740            | Extension for reply within fourth month |                 | 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month |      | 1401 | 330  | 2401 | 165                               | Notice of Appeal |     | 1402 | 330 | 2402                                  | 165  | Filing a brief in support of an appeal |      | 1403 | 290   | 2403 | 145 | Request for oral hearing |   | 1451  | 1,510               | 1451 | 1,510 | Petition to institute a public use proceeding |  | 1452                                      | 110 | 2452 | 55 | Petition to revive - unavoidable |  | 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional |  | 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) |  | 1502 | 480 | 2502 | 240 | Design issue fee |  | 1503 | 640 | 2503 | 320 | Plant issue fee |  | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner |  | 1807 | 50 | 1807 | 50 | Petitions related to provisional applications |  | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt |  | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | 40.00 | 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR 1.129(a)) |  | 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR 1.129(b)) |  | 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) |  | 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application |  |
| Large Fee Code   | Entity Fee (\$)   | Small Fee Code  | Entity Fee (\$) | Fee Description  | Fee Paid        |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1051   | 130   | 2051            | 65              | Surcharge - late filing fee or oath  |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1052   | 50  | 2052            | 25              | Surcharge - late provisional filing fee or cover sheet                     |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1053   | 130   | 1053            | 130             | Non-English specification  |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1812   | 2,520   | 1812            | 2,520           | For filing a request for <i>ex parte</i> reexamination                     |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1804   | 920*  | 1804            | 920*            | Requesting publication of SIR prior to Examiner action                     |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1805   | 1,840*  | 1805            | 1,840*          | Requesting publication of SIR after Examiner action                        |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1251   | 110   | 2251            | 55              | Extension for reply within first month                                     |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1252   | 420   | 2252            | 210             | Extension for reply within second month                                    |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1253   | 950   | 2253            | 475             | Extension for reply within third month                                     |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1254   | 1480  | 2254            | 740             | Extension for reply within fourth month                                    |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1255   | 2,010   | 2255            | 1,005           | Extension for reply within fifth month                                     |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1401   | 330   | 2401            | 165             | Notice of Appeal   |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1402   | 330   | 2402            | 165             | Filing a brief in support of an appeal                                     |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1403   | 290   | 2403            | 145             | Request for oral hearing   |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1451   | 1,510   | 1451            | 1,510           | Petition to institute a public use proceeding                              |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1452   | 110   | 2452            | 55              | Petition to revive - unavoidable   |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1453   | 1,330   | 2453            | 665             | Petition to revive - unintentional   |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1501   | 1,330   | 2501            | 665             | Utility issue fee (or reissue)   |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1502   | 480   | 2502            | 240             | Design issue fee   |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1503   | 640   | 2503            | 320             | Plant issue fee  |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1460   | 130   | 1460            | 130             | Petitions to the Commissioner  |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1807   | 50  | 1807            | 50              | Petitions related to provisional applications                              |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1806   | 180   | 1806            | 180             | Submission of Information Disclosure Stmt                                  |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 8021   | 40  | 8021            | 40              | Recording each patent assignment per property (times number of properties) | 40.00           |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1809   | 770   | 2809            | 385             | Filing a submission after final rejection (37 CFR 1.129(a))                |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1810   | 770   | 2810            | 385             | For each additional invention to be examined (37 CFR 1.129(b))             |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1801   | 770   | 2801            | 385             | Request for Continued Examination (RCE)                                    |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1802   | 900   | 1802            | 900             | Request for expedited examination of a design application                  |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| <p><b>1. BASIC FILING FEE</b></p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td>770.00</td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td>(\$ ) 770.00</td> </tr> </tbody> </table> <p><b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b></p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th colspan="2"></th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>28</td> <td>-20** = 8</td> <td>x 18.00 =</td> <td>144.00</td> </tr> <tr> <td>Independent Claims</td> <td>3</td> <td>-3** = -0-</td> <td>x 86.00 =</td> <td>-0-</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td>290.00 =</td> <td>-0-</td> </tr> </tbody> </table> <p>**or number previously paid, if greater; For Reissues, see below</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>**Reissue independent claims over original patent</td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td></tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (2)</b></td> </tr> </tbody> </table> | Large Fee Code  | Entity Fee (\$) | Small Fee Code  | Entity Fee (\$)  | Fee Description | Fee Paid        | 1001     | 770  | 2001 | 385  | Utility filing fee | 770.00                              | 1002 | 340  | 2002 | 170  | Design filing fee |  | 1003 | 530  | 2003 | 265  | Plant filing fee |                           | 1004 | 770  | 2004  | 385  | Reissue filing fee |  | 1005 | 160  | 2005 | 80   | Provisional filing fee |  | <b>SUBTOTAL (1)</b> |      |        |      |        | (\$ ) 770.00  |  |      | Extra Claims | Fee from below | Fee Paid | Total Claims                           | 28 | -20** = 8 | x 18.00 = | 144.00 | Independent Claims | 3                                       | -3** = -0- | x 86.00 = | -0- | Multiple Dependent |     |  | 290.00 = | -0-  | Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$)                         | Fee Description | 1202 | 18    | 2202 | 9     | Claims in excess of 20                 | 1201 | 86   | 2201 | 43   | Independent claims in excess of 3 | 1203             | 290 | 2203 | 145 | Multiple dependent claim, if not paid | 1204 | 86                                     | 2204 | 43   | **Reissue independent claims over original patent | 1205 | 18  | 2205                     | 9 | **Reissue claims in excess of 20 and over original patent | <b>SUBTOTAL (2)</b> |      |       |   |  | <p><b>3. SUBTOTAL (3)</b> (\$ ) 40.00</p> |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Large Fee Code   | Entity Fee (\$)   | Small Fee Code  | Entity Fee (\$) | Fee Description  | Fee Paid        |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1001   | 770   | 2001            | 385             | Utility filing fee   | 770.00          |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1002   | 340   | 2002            | 170             | Design filing fee  |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1003   | 530   | 2003            | 265             | Plant filing fee   |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1004   | 770   | 2004            | 385             | Reissue filing fee   |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1005   | 160   | 2005            | 80              | Provisional filing fee   |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| <b>SUBTOTAL (1)</b>  |   |                 |                 |  | (\$ ) 770.00    |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
|  |   | Extra Claims    | Fee from below  | Fee Paid   |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Total Claims   | 28  | -20** = 8       | x 18.00 =       | 144.00   |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Independent Claims   | 3   | -3** = -0-      | x 86.00 =       | -0-  |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Multiple Dependent   |   |                 | 290.00 =        | -0-  |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Large Fee Code   | Entity Fee (\$)   | Small Fee Code  | Entity Fee (\$) | Fee Description  |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1202   | 18  | 2202            | 9               | Claims in excess of 20   |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1201   | 86  | 2201            | 43              | Independent claims in excess of 3  |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1203   | 290   | 2203            | 145             | Multiple dependent claim, if not paid                                      |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1204   | 86  | 2204            | 43              | **Reissue independent claims over original patent                          |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1205   | 18  | 2205            | 9               | **Reissue claims in excess of 20 and over original patent                  |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |
| <b>SUBTOTAL (2)</b>  |   |                 |                 |  |                 |                 |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |  |      |              |                |          |  |    |           |           |        |                    |   |            |           |     |                    |     |  |          |      |                |                 |                |   |                 |      |       |      |       |  |      |      |      |      |                                   |                  |     |      |     |                                       |      |  |      |      |   |      |     |                          |   |   |                     |      |       |   |  |   |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |   |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |  |  |      |     |      |     |   |  |      |     |      |     |   |  |

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